

**PRASHANT NAKADE****Mobile : +91 8459830657****E-Mail : ram2k09@rediffmail.com**

Seeking senior level assignments in Design Engineering field with a reputed organization. Experience in Gulf, successfully completed the project in OMAN for reputed automobile group

Profile Summary

- A Qualified Mechanical Engineer with 18+ years of experience in Product Design, New Product development, Project Planning, Execution, Management, Manufacturing Engineering, Vehicle Integration, Production, Process planning, Business development, Testing & Validation
- Sound knowledge of application of Engineering CAD tools / GD&T / PLM data management System
- Expertise in quality checking of designs & drawings with ASME Y14.5M standards
- Conducting ISO & TS16949 audit as an active member of CFD (Cross Functional Design) team and implementing PPAP, APQP, DFMEA & its utilization for new product development on shop-floor. Well versed with IATF ,it's requirements.
- Good knowledge of lean manufacturing & it's tool like 5S,KAIZEN,3M,5W analysis ,KANBAN & line balancing system
- Excellent communication, interpersonal, analytical & negotiation skills with strong organizational and team building abilities
- Proficient in designing and implementing processes that will enable organization to consistently meet and enhance customer satisfaction

Major Projects Handled

- Successfully executed multiple projects of design & development of Construction Equipment's, Mining Vehicles, Driveline, Chassis & Suspension
- Handling the projects of design, Prototype development, Testing & validation of Special Purpose Vehicles like Trailers, Tippers, Tankers, Tractors, Slew cranes, mobile cranes, Truck cranes, Cement bulker, Skip loader for Gulf & OEM key clients like TATA, Ashok Leyland, AMW, MAN, Daimler, Escorts, John Deere and Mahindra & Mahindra
- Product Design & new development of Chassis from conceptual design to final stage per client's requirements & application. Structural analysis of main chassis frame to ensures the cost effective safe design for Construction Equipment & heavy commercial vehicles
- Expertise in theoretical calculation of wheel base, C.G, Gross Vehicle weight of vehicle, Kerb weight, Payload capacity, Bed height calculation, Axle & other aggregates selection for Heavy vehicles
- Testing , validation of NPD vehicles & taking care of it's sanctioning from the authorities like ARAI & ROP
- Expertise in handling the projects of VA/VE , costing & cost reduction analysis
- Product design & tool development of Die casting parts like Engine Valve body, Engine cover, Piston head ,Crank shaft casing & Gear box cover
- Sound Knowledge in Sheet metal & core experience in heavy fabrication industry.

Core Competencies

- Managing the overall operations with a view to ensure timely accomplishment of project targets within the time and cost parameters
- Planning the detailed engineering activities and finalization of standards, specifications per client's requirement
- Co-ordinate different departments & bringing them on one platform, resolving the issues & conclude to achieve targets
- Organizing the various tests & inspections to ensure that products developed are in compliance with pre-set technical specifications
- Identifying scope for implementing technological changes to enhance the efficiency of product. Finalizing the conceptual design & manufacturing processes
- Supporting & co-ordinating the manufacturing team for cost effective manufacturing method, processes to enhance the product consistently with best quality
- Managing the interaction with client on technical platform & vendor for cost negotiation

Work Experience

Oct'18 – till with Escorts Ltd (Escort corporate) as “Senior Manager”

Role:

- Functioning as complete project owner for the design of new Generation Cranes ,Slew cranes, Truck cranes and backhoe loader from layout finalization to Proto development & manufacture Pilot vehicles at Escort plant
- Responsible for vehicle integration, Hydraulic System, Aggregates Selection & installation
- Planning and coordinating design, development activities and responsible for the release of ECN,ECP,ECA design data.
- Co-ordinate with FEA team to validate the product & marketing team for launching new products in market
- Tracking the project schedules to ensure adherence of key projects per targeted timelines and cost
- Working closely with Proto-shop & Development team to coordinate for the implementation of the design & resolving day to day basis technical issues
- Participate in the review with higher management for Key projects
- Resolving the field issues & implementation of needful design changes to enhance the quality of product

Sep'16 –Sep'18, Encore Research Pvt. Ltd., as “Team Lead

Role:

- Lead multiple projects, including major new product development, minor variant development & VA/VE
- Innovation of the new product from conceptual stage to the development, it's validation to the final delivery of the product per customer requirements
- Responsible for Product design, Mechanism design, validation of vendor parts & coordination with vendor regarding the cost & quality of the parts.
- Release of the final CAD data , drawings, BOM, Assembly procedure manual for new product
- Review of final delivery of products per customer requirements & design specification checklist

Mar'14 – June-16, Mercedes-Benz, pune (On deputation from RLE India Pvt. Ltd.) as “Consultant”

Role:

- Checking , reviewing the design , drawings & taking care the release of final CAD data to the client for uploading in Teamcenter (SMARAG)
- Co-ordinating the design team for the parametric CAD models , Assemblies & drawings per Daimler standards & specification for the Truck Vehicle & Powertrain department
- Examine & analyse the 3D CAD Model under acceptable deviation criteria & assemblies with specified tolerance fit
- Providing the technical support to team & freeze the daily basis client's side technical issues.
- Planning & coordinating with the client for assuring the weekly basis on time deliveries

Significant Professional Accomplishment

- **Received the certificate of RLE Star Award** for exemplary performance & providing services per client's requirement

Jan'12–Mar'14 with Ceinsys Tech Ltd, Nagpur as “Manager” in EDS (Engineering Design Services) department Jul'99 – Jun'04 with Ceinsys Tech Ltd (Formerly known as ADCC Infocad Ltd) , Nagpur as ” Jr. Design Engineer”

Role:

- Handling the Reverse Engineering and Re-Engineering projects for EDS department
- Checking the Manufacturing Feasibility & coordinating the design team for product design & development for casting, molding & sheet metal products
- Taking decision for the tenure, costing & man source requirements for the projects
- Submitting MIS (Management Information Survey) & Execution Reports on monthly basis
- Submitting Quotation for EDS department per technical specification of Tendering projects
- Taking care for the business development of the organization
- Looking after administrative & client side issues for the onsite projects

Mar'09 – Dec'11 with Dana India Technical Center (Dana corporation), Pune as “Sr. Design Checker”

Role:

- Finalizing the design Masters/ Checking the design, drawings & assemblies for casting & forging parts
- Taking decision on GD&T for new product development of Driveline (Axle, Driveshaft) department as Checker for key clients like Ford, Nissan, Chrysler ,GM,TATA Motors , Mahindra, Ashok Leyland , John

Deere etc.

- Scheduling Monthly knowledge sharing sessions. Checker's Feedback presentation to the team.
- Providing general design Checklist for the designers per client standards & specifications for First Time Right drawings
- Preparation of ISO Documentations like Employee Engagement, Defect Monitoring & External Rework Reports for the design Team

Significant Professional Accomplishment

- **Received award and certificate** for endeavouring new design & development of "SPL-350 (Heavy Duty)" advanced product driveshaft which excelling business in heavy commercial & off highway vehicle sector

Mar'06 – Mar'09 with Stokota India (E) Pvt. Ltd., Pune as "Assistant Manager"

Role:

- Project Management & execution of vehicle design, prototype development, it's testing & validation up to the delivery of vehicles Semi-low bed , Low bed trailers, Tippers, Tanker, Rigid Cement Bulker for the key clients
- Responsible for design calculations of wheel base , Chassis main frame , Vehicle integration , Hydraulic & Electrical aggregates
- New product development of auto parts like axles, suspensions for heavy duty commercial cargo trucks & trailers per requirements & application of vehicles
- Preparing the cost estimation sheet for NPD vehicles

Significant Professional Accomplishment

- **Received Best Assistant Manager Award** for enhancing business of organization by design & development of Semi Low Bed Port Trucks with light weighted chassis for multipurpose applications

Previous Experience

- **Jul'04 – Mar'06 with Alcast Fondary Pvt. Ltd, Pune as "Sr. Design Engineer"**
- **Jan'99 – Jul'99 with "Model Mills", Nagpur as "Apprenticeship" in Engineering Department**

Education

- **B.E. (Mechanical)** from **Y.C.C.E (Autonomous College of Engineering)** Nagpur in 1998 with 69%
- **CAD/CAM Technical Course** from CAD-CAM Techniques, Chennai
- **GATE-2000** passed with percentile 83.58

IT Skills

CAD Software: Unigraphics NX-10, Catia V5, Solidworks, SolidEdge, Ideas & Autocad
CAM Software: Edge-CAM

Personal Details

Contact Address: C – 303,Nano Spaces , Ravet, Pune-412101
Languages Known: English, Hindi & Marathi
Passport: Yes